

Work Order ID 64700



Page 1

Tuesday, December 14, 2010 1:11:19 PM

Item ID: D212-580-043

Accept



Setup Start



Revision ID:

Stop



Item Name: LED Pulse Light

Start Date: 12/14/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/22/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 12-14

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9538

PAT

IIN-D212-580-2

B

U/REON
10.155

0.00

100



DC

DOCUMENT CONTROL

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD212-580-043 CHG001

S. Morley

H. For CL 11-01-13

110



Packaging

Pick Kit

0.00

Memo

0.00

Packaging

Per 11/01/13 (11)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 64700

Page 2

Tuesday, December 14, 2010 1:11:19 PM

Item ID: D212-580-043

Accept



Setup Start



Revision ID:

Stop



Item Name: LED Pulse Light

Start Date: 12/14/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/22/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

8/16/24

(A)

Quality Control

130

Pick Kit

0.00



Packaging

Memo

0.00

DRAFT

Cup 4/24 (R)

Packaging

Package as per PPPD212-580-043

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

11/02/24 JJ

Quality Control

mrf
11-02-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light



Start Date: 12/14/2010

Required Date: 12/21/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-05-11 JLM VERIFIED BY:DD IPP
rev:B 10.10.12 AS PER ECN10-618 DD VERF:JLM IPP rev:C
10.11.22 AS PER ECN10-642 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
EWLA1000DBDSDW LED Light		Purchased	No			110	Each	2.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				st503				2					
					115629			2					
D4078-1 Clamp Half		Manufactured	No			110	Each	2.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST123				2					
					61870			2					
D4079-1 Clamp Half, Attachment		Manufactured	No			110	Each	2.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST				2					
					61871			2					
D4081-1 Bushing		Manufactured	No			110	Each	14.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST102				14					
					61872			14					

11/16/2010

65431

65432

61872

64700/172

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

MS26574-3

Purchased

No

110

Each

3.0000

1

1



Circuit Breaker

Location

Loc Qty

Loc Code

ST515

1

115608

1

ST516

2

114613

2

11/5608

MS22073-3

Purchased

No

110

Each

5.0000

1

1



Circuit Breaker

Location

Loc Qty

Loc Code

ST514

5

115698

5

11/5698

MS24524-21

Purchased

No

110

Each

5.0000

1

1



Switch (On-Off-On)

Location

Loc Qty

Loc Code

ST338

5

115698

5

11/5698

1210/2405-2A

Purchased

No

110

Each

1.0000

1

1



Pulse Light Module

Location

Loc Qty

Loc Code

ST

1

114612

1

11/6662

11/01/20

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

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Page 3

Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

S 206486-2 Purchased No 110 Each 1.0000 1 1
Connector, Socket (J1000)

Location Loc Qty Loc Code

ST511 1
115655 1

S 206485-1 Purchased No 110 Each 1.0000 1 1
Connector, Plug (J1000)

Location Loc Qty Loc Code

ST511 1
115655 1

S 206458-1 Purchased No 110 Each 1.0000 1 1
Feed-thru, Receptacle (J2/J3)

Location Loc Qty Loc Code

ST511 1
115655 1

S 206460-1 Purchased No 110 Each 1.0000 1 1
Connector, Plug (P2)

Location Loc Qty Loc Code

ST381 1
115725 1

206838-1 *use* *205838-1* *per ECM* *10-658* *MF 10-12-16*
Connector, Plug (P3)

Location Loc Qty Loc Code

ST511 1
0 0
115970 1

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LEJ Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

M39029/64-369 Purchased No

 Contacts, Pins (J1000)

110 Each 10.0000 10 10



Location Loc Qty Loc Code

ST511 10
 115676 10

115676

M39029/63-368 Purchased No

 Contacts, Sockets (P1000)

110 Each 50.0000 30 30



Location Loc Qty Loc Code

ST511 50
 115655 50

115655

T-206062-4 Purchased No

 Connector Backshell

110 Each 6.0000 4 4



Location Loc Qty Loc Code

ST511 6
 114641 2
 115655 4

115655

AN4-17A Purchased No

 Bolt

110 Each 118.0000 2 2



Location Loc Qty Loc Code

ST358 100
 116400 100
 ST359 18
 112314 18

116549 12/10/176

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Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN3-7A

Purchased

No

110

Each

78.0000

4

4



Bolt

Location

Loc Qty

Loc Code

ST351

78

113539

14

114227

4

114784

60

110

Each

4,634.000

2

2

MS21042L4

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

4634

1123143

2

115589

32

115621

1100

116188

3500

110

Each

2,030.000

7

7

MS21042L3

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

2030

114784

34

115835

996

116373

100

116391

900

Tuesday, December 14, 2010 1:11:24 PM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

Page 6

Tuesday, December 14, 2010 1:11:24 PM

Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

110

Each

4,182.000

4

4



Washer



[Handwritten signature]

Location

Loc Qty

Loc Code

ST297

2800

116304

2800

ST298

1382

110914

4

115622

38

116025

118

116289

1222

m116304

NAS1149D0363J

Purchased

No

110

Each

1,252.000

8

8



Washer



[Handwritten signature]

Location

Loc Qty

Loc Code

ST298

1252

115107

25

115622

627

116007

400

116025

200

m115622

AN525-832R10

Purchased

No

110

Each

80.0000

4

4



Screw



[Handwritten signature]

Location

Loc Qty

Loc Code

ST325

80

115622

80

115622

Tuesday, December 14, 2010 1:11:24 PM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, December 14, 2010 1:11:24 PM

Work Order ID: 64700

Parent Item: D212-580-043

Parent Item Name: LED Pulse Light

Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L08

Purchased

No

110

Each

132.0000

4

4



Nut

Location

Loc Qty

Loc Code

ST300

132

116188

132

110

Each

60.0000

8

8

NAS1149DN816J

Purchased

No



Washer

Location

Loc Qty

Loc Code

ST298

60

114808

60

110

Each

66.0000

4

4

MS35206-217

Purchased

No



Screw

Location

Loc Qty

Loc Code

ST294

66

107063

66

110

Each

126.0000

4

4

MS21042L04

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST301

126

1269

42

1582

84

110

Each

60.0000

8

8

NAS1149DN432J

Purchased

No



Washer

Location

Loc Qty

Loc Code

ST298

60

11735

60

M116471 3X

M116549 1X

114808

107063

1269

11735

Tuesday, December 14, 2010 1:11:24 PM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

7.0 PARTS LIST

Qty	Part Number	Description
X	D212-580-043	LED Pulse Light Kit
2	EWLA1000DBDSDW	LED Light
2	D4078-1	Clamp Half
2	D4079-1	Clamp Half, Attachment
2	D4081-1	Bushing
1	MS26574-3	Circuit Breaker
1	MS22073-3	Circuit Breaker
1	MS24524-21	Switch (On-Off-On)
1	1210/2405-2A	Pulse Light Module
1	206486-2	Connector, Socket (J1)
1	206485-1	Connector, Plug (P1)
1	206458-1	Feed-thru, Receptacle (J2/J3)
1	206460-1	Connector, Plug (P2)
1	206838-1	Connector, Plug (P3)
10	M39029/64-369	Contacts, Pins (J1)
30	M39029/63-368	Contacts, Sockets (P1/P2/P3)
4	1-206062-4	Connector Backshell
2	AN4-17A	Bolt
4	AN3-7A	Bolt
2	MS21042L4	Nut
7	MS21042L3	Nut
4	NAS1149D0463J	Washer
8	NAS1149D0363J	Washer
4	AN525-832R10	Screw
4	MS21042L08	Nut
8	NAS1149DN816J	Washer
4	MS35206-217	Screw
4	MS21042L04	Nut
8	NAS1149DN432J	Washer

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Revision: B
Date: 10.11.02

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-580-2 REV.B,
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D212-580 REV. 3,
AND DART DRAWING D212-580-901 REV. A

REF TC STC SH92-16 ISSUE #4

FAA STC SH975NE

EASA.IM.R.S.01526 REV. 1

REFERENCE ONLY

REPLACE 206838-1 CONNECTOR PLUG (P3), WITH 205838-1 CONNECTOR PLUG IN
IIN-D212-580-2 REV. B AND ICA-D212-580 REV. 3.


MAKE THE FOLLOWING CHANGE TO THE D212-580-901 REV. A DRAWING.



WAS:

LIST OF MATERIALS				
ITEM	QTY	PART NUMBER	DESCRIPTION	SUPPLIER
10	1	206838-1	CONNECTOR, PLUG (P3)	

IS:

LIST OF MATERIALS				
ITEM	QTY	PART NUMBER	DESCRIPTION	SUPPLIER
10	1	205838-1	CONNECTOR, PLUG (P3)	

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01
APPROVED 
BY: D. SHEPHERD (DE # 02)
DATE: 10.12.01
CERT. NO.: SH92-16
ISSUE NO.: #4

A	NEW ISSUE	KB	10.12.01
REV.	DESCRIPTION	BY	DATE
DESIGN	KB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KB		
CHECKED	CL	DRAWING NO.	REV. A
MFG. APPR.	CL	DSI 9538	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		PART NUMBER REVISION	NTS
DATE	10.12.01	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

41232 EMERGENCY
 FLOTATION STEP
 ACTUATOR
 D407-301 BRACKET,
 CENTER
 D407-302 BRACKET,
 OUTBOARD
 D206-507 SHROUD
 MODULE
 D206-508 ANTENNA
 MOUNT
 D205-523 HELI
 RAPPEL
 D206-539 EXTERNAL
 TORQUEMETER
 D206-540 BASKET
 D205-541
 BASKET,STEP
 D206-547 AVIONICS
 CONSOLE
 D206-549 AVIONICS
 CONSOLE
 D206-553
 PROTECTIVE TRIM
 D206-554
 PROTECTIVE TRIM
 D206-555
 PROTECTIVE TRIM
 D206-556
 PROTECTIVE TRIM
 D206-558 CARGO
 MIRROR
 D206-559 BEARPAW
 D500-560 CARGO
 MIRROR
 D350-561 CARGO
 MIRROR
 D204-562 CARGO
 MIRROR
 D205-563 CARGO
 MIRROR
 D205-564 BEARPAW
 D350-567 WINDOW
 D206-570 CABIN
 HEATING
 D206-571 CABIN
 HEATING
 D500-572 BEARPAW

BELL 204/205/212/214/412 CARGO MIRROR
 D204-562/D205-563/D212-580

Blue File for D204-562/D205-563/D212-580

APPROVALS

SH92-16 Issue 4

SH975NE Issue 08.02.08

EASA.10017077 Revision 2 Issue 10.11.26

BRAZIL 2009S11-09 Issue 09.11.18

INSTALLATION DRAWING

IIN-D212-580 Rev. D

IIN-D212-580-1 Rev. A

IIN-D212-580-2 Rev. B

D212-580-901 Rev. A

D212-580-903 Rev. B

DSI 9538 Rev. A

INSTRUCTIONS FOR CONTINUED

AIRWORTHINESS

ICA-D212-580 Rev.3

Last Updated on 2011.01.11 BY KJ Back